What I claim as my invention is:

1.) A system for iris recognition having a plurality of functions comprising:

at least one iris recognition imaging device;

a processing station, whereby a sequence of iris imaging processes can be initiated and controlled;

a data storage buffer;

a communication port, whereby digitized sequences made up of scanned and stored iris images or image derived data can be conveyed to an authentication server.

2.) A device which is capable of acquiring a plurality of iris images and conveying said images or data derived from said images across a communication medium.

3.) The device according to claim 2 which can include timing data corresponding to the actions of the party seeking authentication during the successive iris imaging processes with said iris image or image derived data.

4.) The device according to claim 2 by which a plurality of eye states defined by eye position and/or state of eyelid closure can be identified automatically.

5.) The device according to claim 2 which can include iris imaging device selection data corresponding to the iris imaging device choices of the party seeking authentication during the successive iris imaging processes with said iris images or image derived data.

6.) The device according to claim 2 which can include data corresponding to eye position and state of eyelid closure of the party seeking authentication during successive iris imaging

processes with said iris images or image derived data.

7.) A device by which iris recognition authentication can be performed based upon adequate matching of a set of one or more iris recognition images or data with a known valid set.

8.) A device according to claim 7 by which authentication can be performed based upon the eye position or state of eyelid closure data associated with said iris images or image derived data.

9.) A device according to claim 7 by which authentication can be performed based upon timing associated with the successive iris imaging processes.

10.) A device according to claim 7 by which authentication can be based upon the iris imaging devices chosen by the party seeking authentication during the successive iris recognition scanning processes.

11.) A process which allows for iris recognition authentication through a plurality of iris recognition data or images for each authenticating party.

12.) A process according to claim 11 which relies on the correct ordering of said iris images or image derived data and images or image derived data describing eye position and/or state of eyelid closure for authentication purposes.

13.) A process according to claim 11 which relies on the correct choice of iris imaging devices for authentication purposes.

14.) A process according to claim 11 and claim 12 which relies on timing data derived from the authenticating party by means of the sequential iris imaging process.

15.) A process according to claim 11 and claim 12 which relies on eye position and/or eyelid

closure data not inherent in images of the authenticating party.

16.) Claim includes any circuit or algorithm or combination thereof, which emulates the techniques described herein regardless of the iris imaging technology, timing method, eye position detection and correlation method, iris recognition method, communication method, and candidate-control correlation methods employed.